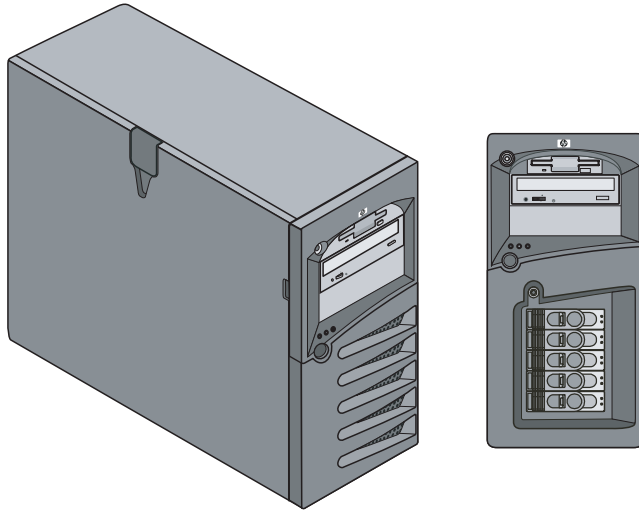




HP ProLiant ML150 Server

Installation Sheet



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Reader's Comments

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January 2004

Setting up the HP ProLiant ML150 Server

Audience Assumptions

This guide is for the person who installs, administers, and troubleshoots LAN servers. Hewlett-Packard Company assumes you are qualified in the servicing of computer equipment and trained in recognizing hazards in products with hazardous energy levels. The instructions in this document are provided in greater detail in the *HP ProLiant ML150 Server Operations and Maintenance Guide*.

Configuring the HP Server

1. Connect all peripherals:

- ☐ Connect the keyboard, mouse, monitor and applicable UPS to the HP server.

2. Determine the server's BIOS version:

- ☐ Power on the server.
- ☐ Press the **Tab** key at the HP logo screen.
- ☐ Note the HP server's BIOS version during the POST boot-up.
- ☐ Verify the HP server's BIOS version against the latest BIOS version listed on HP's website for this server at <http://www.hp.com>.
- ☐ If you do not have the latest BIOS, update the BIOS now. Refer to the *HP ProLiant ML150 Server Operations and Maintenance Guide* for instructions.

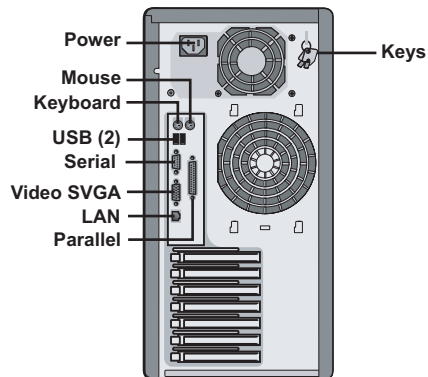
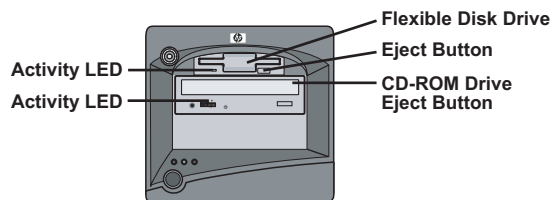
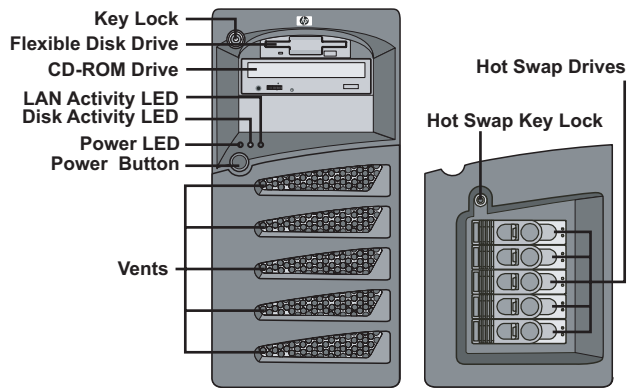
3. Refer to the HP Startup CD-ROM:

- ☐ Use this CD-ROM for updated information about your HP server, and as a reference for any additional information not provided in this Installation Sheet.

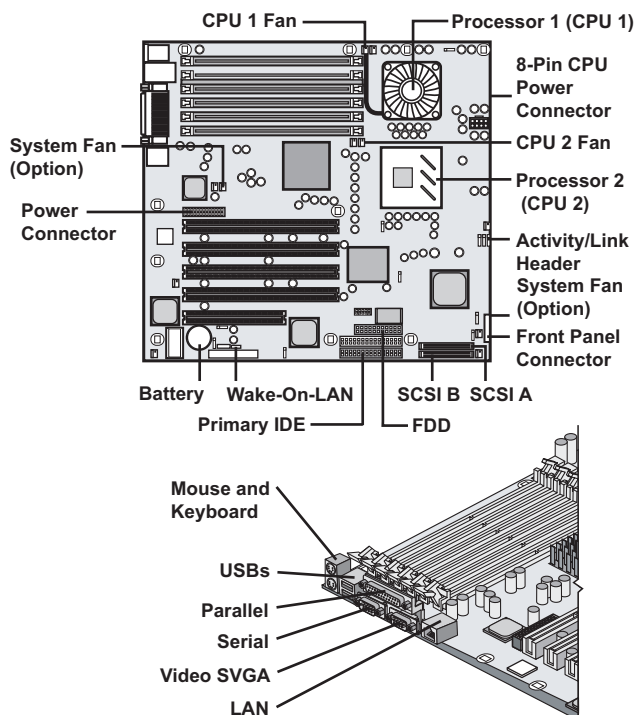
4. Install the desired Network Operating System (NOS):

- ☐ Refer to the *HP ProLiant ML150 Server NOS Installation and Software Guide* for instructions on installing the NOS.

Familiarizing Yourself

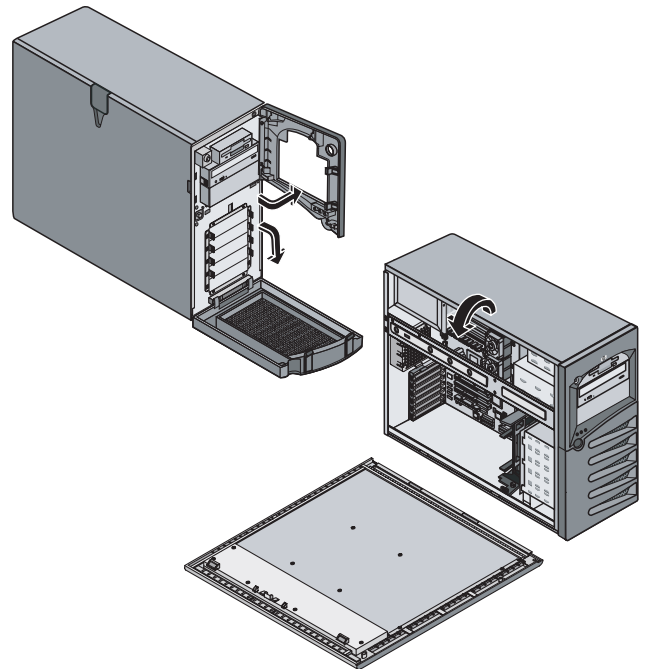


CAUTION The keyboard and mouse PS/2 ports are not interchangeable. If a device is attached to the incorrect port, the boot process will not complete.

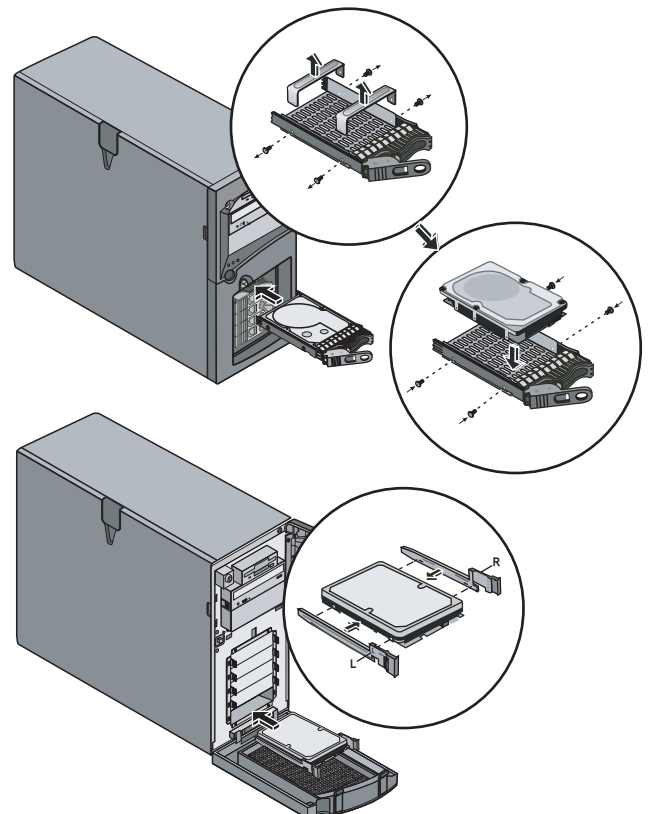


Opening the HP Server

NOTE Before opening the server, use the key attached to the back to unlock the server door.

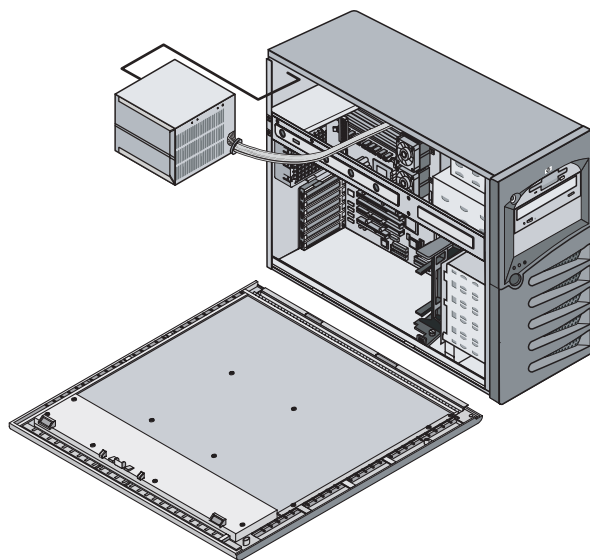


Installing Mass Storage Devices



WARNING Drives can be damaged by static electricity. Before handling drives, touch an unpainted metal surface to discharge static electricity.

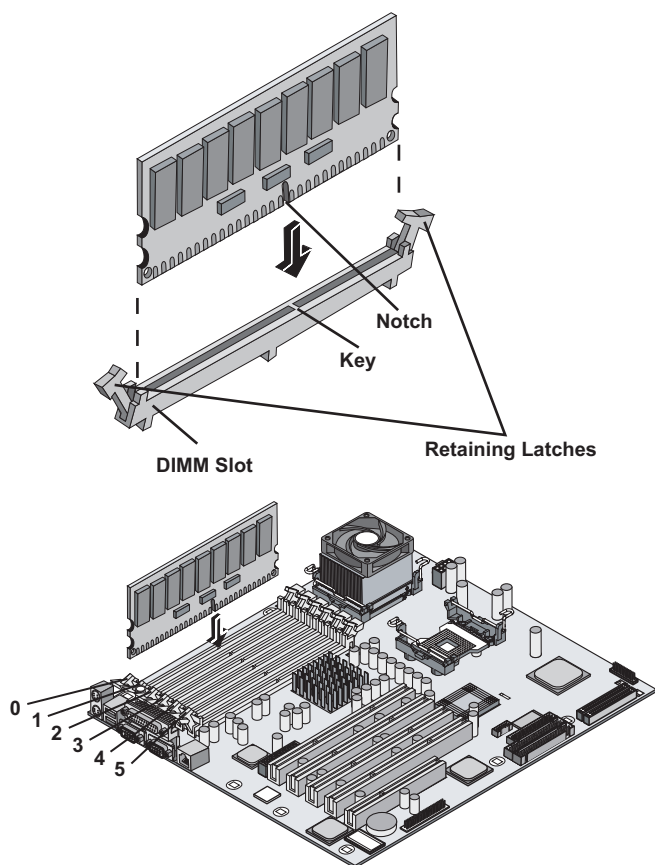
Installing the Power Supply



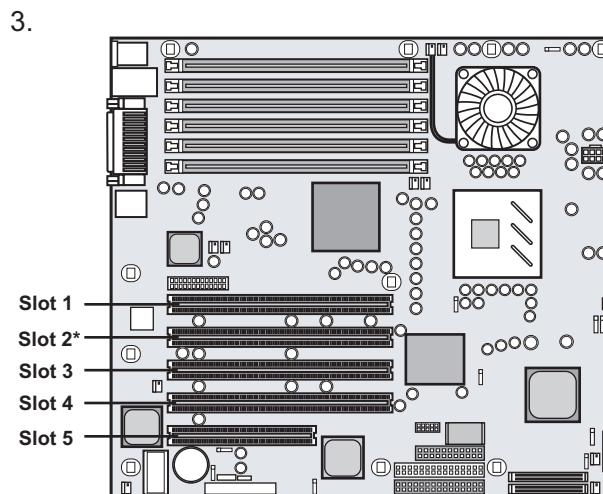
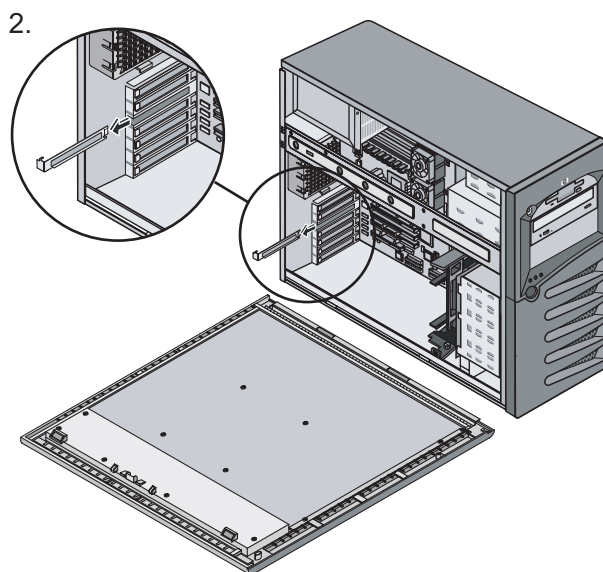
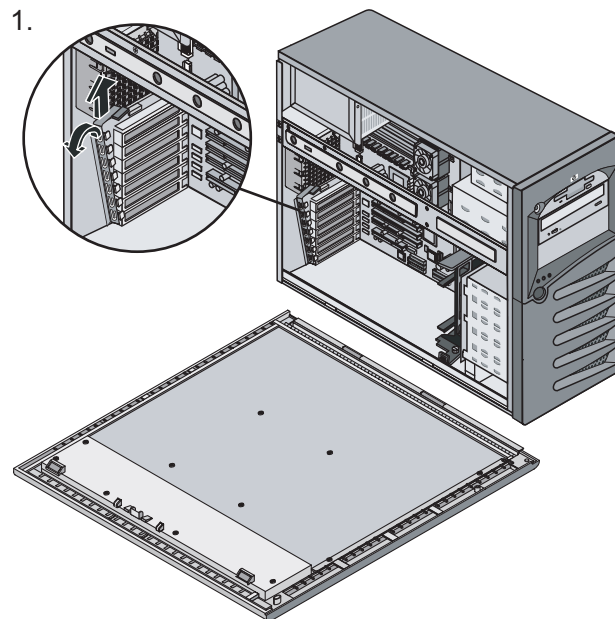
Installing Memory

CAUTION Use only PC2100 266 MHz registered, ECC, DDR DIMMs.

WARNING DIMMs can be damaged by improper handling. Always use an anti-static wrist strap and grounding mat, and discharge static electricity before touching DIMMs.



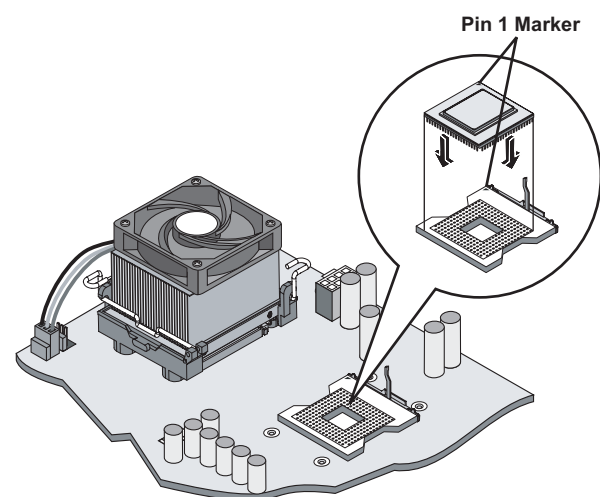
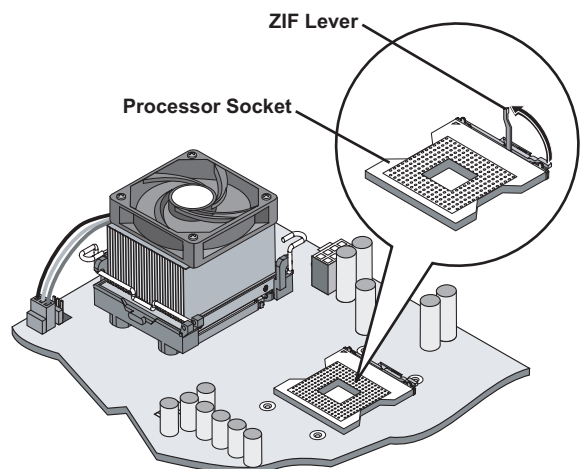
Installing the PCI Accessory Board



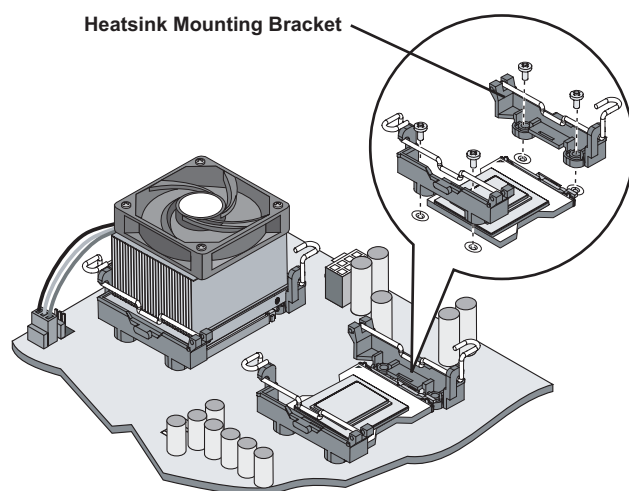
Slot 1
Slot 2*
Slot 3
Slot 4
Slot 5

* Supports Zero-Channel RAID (ZCR) on green slot (Slot 2).

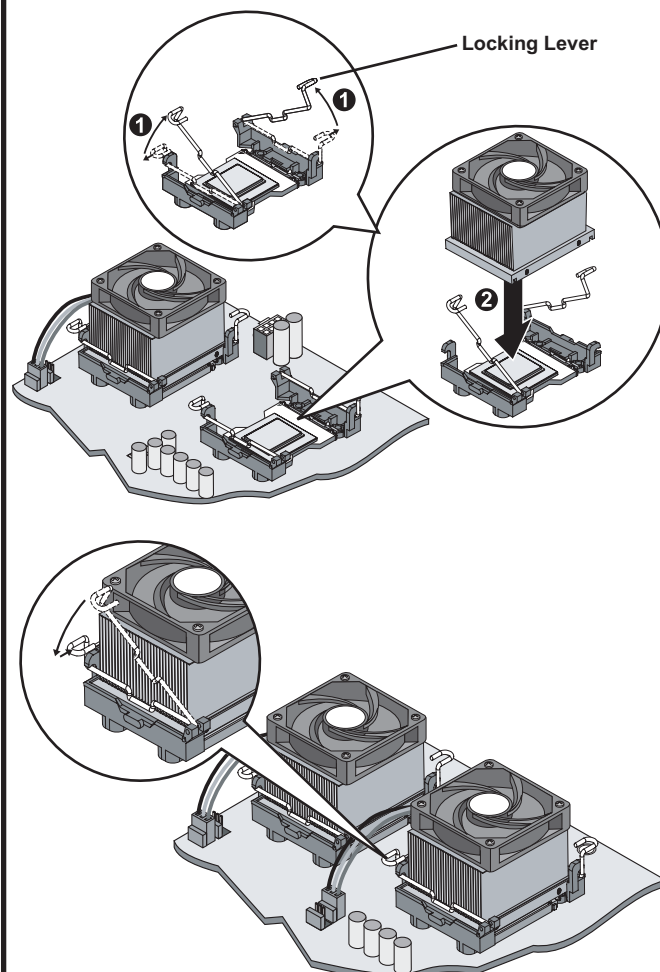
Installing a Second Processor



WARNING To avoid pin damage, align pin 1 on the processor with pin 1 on the processor socket.



Installing a Second Processor (continued)



WARNING To avoid overheating and damage to the processor, ensure the heatsink sits squarely on the processor.

Boot Priority

By default, the server searches for boot devices in this order:

1. Flexible disk drive
2. IDE CD-ROM drive
3. Embedded SCSI B channel (SCSI drives)
4. Embedded LAN

Obtaining Additional Documentation

For additional documentation, refer to your HP ProLiant ML150 Server Startup CD-ROM. You can also access additional information and documentation from HP's external website, either by connecting directly or through your Startup CD-ROM.